

## GAS TREATMENT DEVICE

## ABSTRACT OF THE DISCLOSURE

- The gas treatment device comprises a shell concentrically disposed around a catalyst substrate comprising a catalyst, and a mat support material disposed between the catalyst substrate and shell, and concentrically around the catalyst substrate. A retainer ring comprising a first wall and a second wall connected by a bridge is concentrically disposed around the catalyst substrate. The retainer ring is in operable communication with the shell to form an interference fit, and also contacts the mat support material. The retainer ring can further comprise at least two segments.